

METHYLENE BLUE TRIHYDRATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	961920
SYNONYMS	--
C.I. NO.	52015
CASR NO.	7220-79-3
ATOMIC OR MOLECULAR FORMULA	C₁₆H₁₈ClN₃S.3H₂O
ATOMIC OR MOLECULAR WEIGHT	373.90
PROPERTIES	Store Below 30^oC
PARAMETER	LIMIT
Description	Green to dark green crystals or powder with metallic luster.
Solubility	20 ppm in water yields clear blue solution.
Minimum assay (AT/UV, on dry basis)	99.00%
Absorption maxima (20 ppm in water)	658 - 668 nm
MAXIMUM LIMIT OF IMPURITY	
Loss on drying (at 105°C, 2 hr)	8.00 - 18.00%

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code :
UN No. :
IATA :

Hazard Pictogram(s) :



GHS07